User manual

Model SG 2 / 2

Dual-port extractor unit

Fig.: SG 2/2

WASSERMANN DENTAL-MASCHINEN

CE

WASSERMANN DENTAL-MASCHINEN GMBH

Dear customer,

Thank you for choosing a product from the Wassermann range. Wassermann dental equipment incorporates the highest standards of quality and the latest technology. In order to enjoy maximum performance and years of trouble-free operation from the equipment, please read this user manual carefully before you start work, and operate the unit according to the recommended guidelines.
Please ensure that all persons operating the equipment have read and understood this user manual.

Keep this user manual on hand for ready reference.

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WASSERMANN DENTAL-MASCHINEN
Die Basis für Ihr Labor

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1 For your safety

1.1 Correct use of this product

The SG 2/2 extractor unit is used to remove dental-laboratory dust.

1.2 Safety symbols used in this manual

Warning!

This is a warning of risk situations and dangers.

Failure to observe this warning could be life-threatening. These warnings must be observed.

Information!

This symbol draws your attention to specific features, which should be noted.

1.3 Safety guidelines

Configuring and operating this equipment requires ***precise knowledge*** and ***observance*** of the instructions in this ***user manual***. The equipment is designed only for its intended application.

Servicing and repairs should be carried out only by authorised specialists.

Make sure that the unit is connected to the correct mains voltage.

1.4 Your user manual

Configuring and operating this equipment requires ***precise knowledge*** and ***observance*** of the instructions in this ***user manual***. The equipment is designed only for its intended application.

1.5 Responsibility for operation and damage

The responsibility for operating the unit lies exclusively with the owner or user if the said unit is incorrectly serviced, maintained or altered by persons not employed by an accredited dealer or if the unit is used in a manner contrary to its specified purpose.

The unit must be maintained and operated in accordance with this user manual. Wassermann Dental-Maschinen GmbH is not responsible for damage arising from the ***non-observance*** of these instructions.
Guarantee and responsibility provisions contained in the sales and supply conditions of Wassermann Dental-Maschinen GmbH are not extended by these instructions.

Product responsibility lapses if the equipment is altered by unauthorized third parties or if non-original parts are installed. Use only original WASSERMANN replacement parts.

1.6 Authorized users

The owner of the equipment must ensure that any users have been provided with the user manual and that they have read and understood its contents before operating the equipment.

Ensure that this user manual is accessible <u>at all times</u> and has been read and understood.

2 Care and maintenance

2.1 Maintenance

Always disconnect the power cable before undertaking cleaning or maintenance.

The model plate must always be legible and should not be removed.

The equipment should be cleaned at regular intervals to ensure trouble-free operation. It requires only normal cleaning (sponge, damp cloth, mild detergent). Do not use chemical additives.

2.2 Care

Remove external dirt from time to time with some form of cold cleaner.

Use only cold cleaners to avoid damaging the paintwork or removing the lettering.

Recommended: A151 universal cleaner.

3 Use/ Application

The SG 2/2 extractor unit can be installed in various locations such as a dental-laboratory workbench or a polishing trough. Its suction action combines a maximum quantity of air and a low air speed. The advantages are virtually silent operation of the fan motor and an overall low noise level, thanks to the slow flow speed of the air drawn in. This slow air speed means that your hands do not get cold, even after a long time working at the suction inlet. On the SG 2/2, the blowers are controlled separately using standard foot switches.

4 Before you start

4.1 Unpacking / Transport

- Open the cartons, remove the packing materials, and carefully lift out the instrument and accessories. Check that the accessories are correct.
- Place the unit on a firm, flat surface.
- When transporting the unit, use appropriate packing materials to avoid accidental damage.

Locate the user manual and read it carefully.

When unpacking, it is important to identify any accidental transport damage. If necessary, draw up an immediate status report.

4.2 Contents

141997	SG-2/2 extractor unit
141103	Cable with angled plug
592012	2 x foot switch
610016	2x filter bag (installed)

5 Changing the filter

This equipment uses a one-way, microfine filter bag, which must be replaced once it is full of dust. To do so, open the catches right and left, remove the cover, take out the filter bag and then remove the packaging from the replacement bag. Insert the new filter and close the cover. You will need to change the filter regularly to ensure trouble-free dust removal. It needs replacing at the latest when the suction becomes laboured or the fine dust filter changes colour.

6 Start-up

The unit must be at room temperature before you start it.

1. Take the cable from the filter under the cover.
2. Plug the unit into the mains.
3. Attach the foot switches to the unit – the plugs can be screwed in.
4. Turn the unit on by pressing the main switch (green). It is now ready for use. You can next select the left or right fan. The fans are operated either by the red switch on the unit itself or by the foot switch(es). If you use the foot switch(es), the red switch on the unit must be set to OFF. Pressing once on the foot switch starts the blower; pressing again stops it.

7 Troubleshooting / Correcting errors

7.1 Technical data

Voltage	230 V / 50 Hz
Suction power	2 x 500 m2/h, free-blowing
Output	1.5 A / 2 x 170 W
Weight	20.7 kg

Width	525 mm
Depth	330 mm
Height	400 mm

Noise emission ≤ 70db(A).

We reserve the right to make technical changes.

7.2 Accessories

Accessories	
Item number	Description
141103	Foot switch
611010	Spare microfine filter bag (1 set = 4 bags)
611018	Spare filter bag, white, reusable only for plaster (1 set = 4 bags)

7.3 Repairs

Servicing or repairs to the unit must only be carried out by trained technicians.

Only original spares are to be used.

Responsibility for the product is voided if altered by unauthorized persons or if inappropriate components are installed.

8 Warranty

The warranty period for our equipment is 12 months. If faults occur within the warranty period, contact your dental depot or get in touch directly with our Service department. Your suction unit should only be operated in perfect condition. If faults occur which could harm operators or third parties, the unit should not be used until it has been fixed. This warranty does not cover damage caused by improper use, external mechanical causes, transport damage or interference with the unit by unauthorized persons.

9 EC conformity certificate

in accordance with 73/23/EWG (low-voltage guidelines) modified by 93/68/EWG and 89/336/EWG (EMV guidelines) and 89/392/EWG (Machinery guidelines), with modifications

Manufacturer:	W A S S E R M A N N Dental-Maschinen GmbH Rudorffweg 15 - 17 D-21031 Hamburg	Product description:	Suction unit for dental applications
Model:	SG 2/2 suction unit		141997
Applicable standards:	EN 61010-1:1993 + A2:1995 EN 60335/2/54 03.97 EN 50081-1 + EN 50082-1 DIN 45635-1		

Hiermit wird bestätigt, dass die oben bezeichnete Maschine den genannten EG-Richtlinien entspricht. Diese Erklärung wird ungültig, falls die Maschine ohne unsere Zustimmung verändert wird.

This is to confirm that the above mentioned machine complies with the described EC rules. This declaration becomes invalid if the machine is modified without our approval.

Cette machine est conforme aux normes en vigueur de la Communité Européene. Cet avis est nul et non avenant si cette machine est modifiée sans notre accord.

Esta máquina, anteriormente mencionada, cumple con los limites requeridos por el reglamento EC. Ahora bien, esta declaración quedará invalidada en caso de realizar modificaciones al aparato sin nuestra aprobación.

Hiermee wordt bevestigd dat bovengenoemde machine voldoet aan de voorgeschreven EU normen. Deze verklaring verliest geldigheid als er zonder onze uitdrukkelijke toestemming wijzigen aan de machine worden aangebracht.

Place, date: Hamburg, 10 April 2003 Company stamp:

Signed: _____

Wilfried Wassermann
(Managing Director)

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